

CV of GAYATRI DUWARAH

Name: GAYATRI DUWARAH

Designation: ASSISTANT PROFESSOR

Address for Communication: (office): Department of Computer Science and Engineering

Girijananda Chowdhury University

Azara, Guwahati, PIN: 781017

Mobile No.: 8822864438

Email:

Date of Birth: 12/09/1992

Educational Qualifications:

Sl. No	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2009	SEBA	
2	HSSLC/10+2 Std.	2011	AHSEC	
3	Degree: B.Tech	2016	ADTU	COMPUTER SCIENCE ENGINEERING
4	Master's Degree: M.Tech	2021	GAUHATI UNIVERSITY	INFORMATION TECHNOLOGY
6	Ph. D. (IT)	PURSUING	GAUHATI UNIVERSITY	IT(RESPONSIBLE AI, EXPLAINABLE AI)
8	Others (Please Specify)	2025	PURDUE UNIVERSITY AND UNIVERSITY OF TEXAS AT AUSTIN AND SPONSORED BY INTEL	SEMICONDUCTOR FABRICATION 101

Languages known:

(Read, Write & Speak): ENGLISH, ASSAMESE, HINDI (Read, Write and Speak)

Academic/ Administrative Experience:

Academic: **6 years, 9 months** (At Nowgong Polytechnic as APSC 3f lecturer and Barpeta Polytechnic as Lecturer on Contract).

Industry: **1year 7 months** as Web Developer at Guwahati Based Digital Media Marketing Startup (Digitalant Pvt.Ltd and Nanoinformatics Pvt Ltd)

List of Publications:

[1] **G. Duwarah**, N. Sarmah, and R. Bhattacharyya, “Analyzing vision-language models for ethnomedical wisdom on medicinal plants: Can they help preserve traditional knowledge?” In International Conference on Applied Artificial Intelligence, ser. Communications in Computer and Information Science (CCIS), Accepted, Scopus Indexed, Springer, 2026.

[2] N. Sarmah, **G. Duwarah**, and R. Bhattacharyya, “Evaluating bias in vision-language models on musical instruments of rongali bihu festival,” in International Conference on Applied Artificial Intelligence, Communications in Computer and Information Science (CCIS), Accepted, Scopus Indexed, Springer, 2026.

[3] **G. Duwarah** and D. I. Islam, “Human activity recognition using lstm model,” International Journal of Engineering Applied Sciences and Technology, vol. 7, no. 2, pp. 229–235, 2022.

[4] P. Sarma, **G. Duwarah**, B. Kalita, and S. S. Gogoi, “A study on partition based clustering image segmentation,” IOSR Journal of Computer Engineering, vol. 18, no. 3, pp. 61–64, 2016.

Research Experience: 3 years

Membership of Professional bodies:

- Served as SPOC for the **Infosys Springboard Program**, Hyderabad campus.
- Subject matter expert while recruitment of faculties of ITI, Barpeta.
- Anti-ragging squad committee of AICTE while working at Barpeta Polytechnic.
- Grassroot Magazine Editor in chief for 5 consecutive years at Barpeta Polytechnic

Award, Fellowship & Recognition:

- UGC NET (Ph.D.) Qualified – January 2025 – Qualified the University Grants Commission National Eligibility Test (UGC NET) for Ph.D. admission.
- Dewang Mehta Felicitation of Toppers – 2015 – Felicitated for academic excellence in Engineering under the **NASSCOM–Dewang Mehta initiative**.
- Academic topper of B.Tech CSE program (2012-20216).

Certifications & Training

- NPTEL Certification in Research Methodology – **Elite category** (TOP 9%)
- Python Programming Certification – Sanfoundry
- Faculty Development Program on Artificial Intelligence Using Python
- Data Science for All – NIT Warangal, IIITDM Jabalpur & NIT Patna
- Workshop on Artificial Intelligence and Machine Learning – Gauhati University
- MATLAB Software Training – ELMAX System and Solutions
- FDP on “Emerging Teaching and Learning Paradigm” by dept. of Mechanical Engineering, Kaziranga University on 7th June 2021.
- Faculty development Infosys springboard for Assam DTE, Hyderabad campus, 19 June 2024-23rd June 2024.

Date: **19/08/2026**

Name: ***Gayatri Duwarah***